



**National
Transportation
Safety Board**

**Derailment of Conrail Freight Train
FC4230 with Vinyl Chloride Release
Paulsboro, New Jersey
November 30, 2012**

DCA 13 MR 002

Paul L. Stancil - IIC



Direction
of Travel

Mantua Creek

→ N



Mantua Creek

Pivot Point

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Google earth

Imagery Date: 10/7/2011 1992

39°50'04.52" N 75°14'12.55" W elev 0 ft

Eye alt 444 ft

Bridge Control System Did Not Respond

- Previous train crossed 8 hours before accident train
- Bridge did not reopen
- Accident train crew found bridge closed and red signal displayed
- Crew could not get bridge control system to respond
- Conductor inspected the bridge, received authorization to cross



OCPX 80234

WT 17000 LBS 8000 KGS
WT 18000 LBS 8000 KGS NEW 1-90

PLAN C

UPLX 98097

OCPX 98093

PLAN C



National Transportation Safety Board

**Conrail Train Derailment
with Hazardous Materials Release**

Emergency Response Sequence of Events

Paulsboro, New Jersey
November 30, 2012

DCA13MR002

Continued Airborne Hazards

- Presence of vinyl chloride detected
- Unified command established at 2:00 p.m.
- Evacuation ordered at 5:00 p.m.
- Additional evacuations through December 8, 2012
- Removal operations completed December 17, 2012

Investigation Status

- NTSB Investigation Team Launched on November 30, 2012
- January 2013 follow up investigation
- Tank car metallurgy and bridge control system evaluation continuing
- Majority of group factual reports completed



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